

**ADVANCED DATABASE MANAGEMENT SYSTEM LAB****Name: ATHUL VINAYAKUMAR****Roll No: 5****Batch: MCA B****Date:6-04-2022****Experiment No.: 7****Aim**

To familiarize with Group by and Having clause

**Question**

- 1.List the branches having sum of deposit more than 5000.
- 2.List the branches having sum of deposit more than 500 and located in city BOMBAY
- 3.List the names of customers having deposited in the branches where the average deposit is more than 5000.
- 4.List the names of customers having maximum deposit
- 5.List the name of branch having highest number of depositors?
- 6.Count the number of depositors living in NAGPUR.
- 7.Give names of customers in VRCE branch having more deposit than any other customer in same branch
- 8.Give the names of branch where number of depositors is more than 5
- 9.Give the names of cities in which the maximum number of branches are located
- 10.Count the number of customers living in the city where branch is located

**PROCEDURE AND OUTPUT**

1. SELECT D.BNAME FROM DEPOSIT D, BRANCH B WHERE  
D.BNAME=B.BNAME AND B.CITY='BOMBAY' GROUP BY D.BNAME HAVING  
SUM(D.AMOUNT)>5000;

|   |       |
|---|-------|
|   | BNAME |
| ▶ | POWAI |

2. SELECT D.BNAME FROM DEPOSIT D, BRANCH B WHERE  
D.BNAME=B.BNAME GROUP BY D.BNAME HAVING SUM(D.AMOUNT)>5000;

|   |       |
|---|-------|
|   | BNAME |
| ▶ | POWAI |

3. select CNAME from deposit where AMOUNT=(select AVG(Amount) from DEPOSIT GROUP BY BNAME having AVG(Amount)>5000);

| CNAME |
|-------|
| MINU  |

4. SELECT MAX(AMOUNT),CNAME FROM deposit;

| MAX(AMOUNT) | CNAME |
|-------------|-------|
| 7000        | ANIL  |

5. SELECT D1.BNAME FROM DEPOSIT D1 GROUP BY D1.BNAME HAVING COUNT(D1.CNAME) >= ALL (SELECT COUNT(D2.CNAME) FROM DEPOSIT D2 GROUP BY D2.BNAME);

| BNAME       |
|-------------|
| VRCE        |
| AJNI        |
| KAROLBAGH   |
| CHANDNI     |
| MG ROAD     |
| ANDHERI     |
| VIRAR       |
| NEHRU PLACE |
| POWAI       |

6. select count(deposit.cname)from deposit,CUSTOMERS where CUSTOMER .CITY ='nagpur';

| count(deposit.cname) |
|----------------------|
| 18                   |

7. Select CNAME from deposit where BNAME='VRCE' and amount=(select max(AMOUNT) from deposit where BNAME='VRCE');

| CNAME |
|-------|
| ANIL  |

8. SELECT BNAME from deposit GROUP BY BNAME HAVING COUNT(BNAME)>5;

| BNAME |
|-------|
|-------|

9. select C.CNAME ,count(B.BNAME) from CUSTOMER C inner join Branch B on C.CNAME=B.BNAME group by C.Cname order by count(B.BName) DESC;

| CNAME | count(B.BNAME) |
|-------|----------------|
|-------|----------------|

10. select count(b1.bname) From deposit d1 , borrow b1 , customers c1 Where  
c1.cname=d1.cname and d1.cname=b1.cname and c1.city in (select city from customers);

|   | count(b1.bname) |
|---|-----------------|
| ▶ | 6               |